

WHAT IS CLAIMED IS:

1. A system for processing a job, generated in an information processing apparatus, in a peripheral device, the system comprising:

5 request means for requesting, from the information processing apparatus to the peripheral device, information indicating a condition designatable in the job, as a start condition of the peripheral device for starting the processing of the job;

10 transmission means for transmitting, from the peripheral device to the information processing apparatus, information indicating a condition designatable as said start condition, in response to the request from the information processing apparatus;

15 display control means for displaying the condition designatable as said start condition, on a display unit of the information processing apparatus; and

20 command transmission means for transmitting, from the information processing apparatus to the peripheral device, a command for designating a condition selected among the conditions displayed on the display unit.

2. A system according to claim 1, wherein the condition designatable as said start condition includes
25 a condition of starting the job processing in response to a start command from the information processing apparatus or a start command from an operation unit.

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3. A system according to claim 1, wherein the condition designatable as said start condition includes a condition of starting the job processing in response to a password input from the information processing apparatus or a password input from an operation unit and if the entered password is correct.

4. A system according to claim 1, wherein the condition designatable as said start condition includes at least one of a condition of starting the job processing in response to the reception of the job, a condition of starting the job processing at a designated absolute time, and a condition of starting the job processing after the lapse of a designated relative time.

5. A system according to claim 1, wherein said peripheral device is either of a printer, a scanner, a copying apparatus, a facsimile apparatus and a composite apparatus.

6. A method for processing a job, generated in an information processing apparatus, in a peripheral device, the method comprising steps of:

requesting, from the information processing apparatus to the peripheral device, information indicating a condition designatable in the job, as a

start condition of the peripheral device for starting the processing of the job;

transmitting, from the peripheral device to the information processing apparatus, information

5 indicating a designatable condition as said start condition, in response to the request from the information processing apparatus;

10 displaying the condition designatable as said start condition, on a display unit of the information processing apparatus; and

transmitting, from the information processing apparatus to the peripheral device, a command for designating a condition selected among the conditions displayed on the display unit.

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7. A method according to claim 6, wherein the condition designatable as said start condition includes a condition of starting the job processing in response to a start command from the information processing apparatus or a start command from an operation unit.

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8. A method according to claim 6, wherein the condition designatable as said start condition includes a condition of starting the job processing in response to a password input from the information processing apparatus or a password input from an operation unit and if the entered password is correct.

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9. A method according to claim 6, wherein the condition designatable as said start condition includes at least one of a condition of starting the job processing in response to the reception of the job, a
5 condition of starting the job processing at a designated absolute time, and a condition of starting the job processing after the lapse of a designated relative time.

10 10. A method according to claim 6, wherein said peripheral device is either of a printer, a scanner, a copying apparatus, a facsimile apparatus and a composite apparatus.

15 11. A peripheral device for processing a job received from an information processing apparatus, comprising:

memory means for storing a condition designatable in the job, as a start condition for starting the
20 processing of the received job; and

transmission means for transmitting information indicating a designatable condition as said start condition to the information processing apparatus, in response to the request from the information processing
25 apparatus.

12. A peripheral device according to claim 11,

further comprising:

job process means for receiving a control command indicating a condition designated as said start condition from the information processing apparatus and
5 controlling the timing of processing the job from the information processing apparatus.

13. A peripheral device according to claim 11,
wherein the condition designatable as said start
10 condition includes a condition of starting the job processing in response to a start command from the information processing apparatus or a start command from an operation unit, or a condition of starting the
job processing in response to a password input from the
15 information processing apparatus or a password input from an operation unit and if the entered password is correct.

14. A peripheral device according to claim 13,
20 further comprising:

holding means for holding a job for which designated is a condition for starting the job processing in response to a password input; and

job process means for discriminating, in response
25 to a password input, whether the entered password is correct, and, in response to discrimination that the entered password is correct, starting the processing of

the job held by said holding means.

15. A peripheral device according to claim 14,
wherein said job process means compares the entered
5 password and the password associated with the received
job, and discriminates whether the entered password is
correct, based on the result of comparison.

16. A peripheral device according to claim 14,
10 wherein said transmission means transmits, to the
information processing apparatus, information
indicating the maximum length of the designatable
password with respect to the condition of starting the
job processing in response to the password input.

17. A peripheral device according to claim 11,
wherein the condition designatable as said start
condition includes at least one of a condition of
starting the job processing in response to the
20 reception of the job, a condition of starting the job
processing at a designated absolute time, and a
condition of starting the job processing after the
lapse of a designated relative time.

18. A peripheral device according to claim 11,
25 wherein said peripheral device is either of a printer,
a scanner, a copying apparatus, a facsimile apparatus

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and a composite apparatus.

19. An information processing apparatus for
generating a job and issuing the generated job to a
5 peripheral device, comprising:

acquisition means for acquiring, from the
peripheral device, information indicating a condition
designatable in the generated job, as a start condition
of the peripheral device for starting the processing of
10 the job; and

display control means for displaying, on a display
unit, the condition designatable as said start
condition, based on said acquired information;

wherein transmitted is a command for designating a
15 condition selected among the conditions displayed on
the display unit.

20. An information processing apparatus according
to claim 19, wherein a command for designating the
20 selected condition is transmitted together with the job
to the peripheral device.

21. An information processing apparatus according
to claim 19, wherein the condition designatable as said
25 start condition includes a condition of starting the
job processing in response to a start command from the
information processing apparatus or a start command

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from an operation unit, or a condition of starting the
job processing in response to a password input from the
information processing apparatus or a password input
from an operation unit and if the entered password is
5 correct.

22. An information processing apparatus according
to claim 21, wherein said display control means
displays, on the display unit, an input image for
10 entering the password, in response to the selection of
the condition of starting the job processing in
response to the password input.

23. An information processing apparatus according
15 to claim 19, wherein the condition designatable as said
start condition includes at least one of a condition of
starting the job processing in response to the
reception of the job, a condition of starting the job
processing at a designated absolute time, and a
20 condition of starting the job processing after the
lapse of a designated relative time.

24. An information processing apparatus according
to claim 19, wherein said display control means is
25 adapted, when a driver software for generating the job
is activated, to display the condition designatable as
said start condition on an image of said driver

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software.

25. An information processing apparatus according to claim 19, wherein:

5 said acquisition means acquires information indicating the condition designatable as said start condition from plural peripheral devices; and

10 said display control means displays, in response to the selection of condition, a peripheral device capable of designating the selected condition on the display unit.

26. An information processing apparatus according to claim 25, wherein a command designating the selected
15 condition is transmitted to a selected peripheral device.

27. An information processing apparatus according to claim 19, wherein said peripheral device is either
20 of a printer, a scanner, a copying apparatus, a facsimile apparatus and a composite apparatus.

28. A program for controlling an information processing apparatus for generating a job and issuing
25 the generated job to a peripheral device, said program comprising the steps of:

acquiring, from the peripheral device, information

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indicating a condition designatable in the generated job, as a start condition of the peripheral device for starting the processing of the job;

displaying, on a display unit, the condition
5 designatable as said start condition, based on said acquired information; and

transmitting a command for designating a condition selected among the conditions displayed on the display unit.

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29. A computer readable memory medium storing a program for controlling an information processing apparatus for generating a job and issuing the generated job to a peripheral device, said program
15 comprising the steps of:

acquiring, from the peripheral device, information indicating a condition designatable in the generated job, as a start condition of the peripheral device for starting the processing of the job;

20 displaying, on a display unit, said condition designatable as said start condition, based on said acquired information; and

transmitting a command for designating a condition selected among the conditions displayed on the display
25 unit.

30. A system for processing a job, generated in

an information processing apparatus, in a peripheral device, the system comprising:

request means for requesting, from the information processing apparatus to the peripheral device,
5 information indicating a mode designatable in the job, as a process mode of the peripheral device for processing the job;

transmission means for transmitting, from the peripheral device to the information processing
10 apparatus, information indicating a mode designatable as said process mode, in response to the request from the information processing apparatus;

display control means for displaying an image for selecting the mode designatable as said process mode on
15 a display unit of the information processing apparatus; and

transmission means for transmitting, from the information processing apparatus to the peripheral device, a command for assigning the job and designating
20 a mode selected among the modes displayed on the display unit.

31. A system according to claim 30, wherein the mode designatable as the process mode includes at least
25 one of a normal mode of processing jobs in the order of assignment thereof, an interruption mode of processing an interrupting job instead of other jobs, a storage

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mode of storing the job in the peripheral device, and a guarantee mode of processing the job later in case the job cannot be processed completely.

5 32. A system according to claim 30, wherein the mode designatable as the process mode includes at least one of a mode of processing jobs in the order of assignment thereof and storing the job in the peripheral device, a mode of processing an interrupting
10 job instead of other jobs and storing the job in the peripheral device, and a mode of processing jobs in the order of assignment thereof and processing the job later in case the job cannot be processed completely.

15 33. A system according to claim 31, wherein said display control means displays, in response to the selection of a mode involving the storage of the job in the peripheral device, an image for causing selection of plural storage areas in the peripheral device, on
20 the display unit.

 34. A system according to claim 30, wherein the mode designatable as the process mode includes a deletion mode of deleting the job after the lapse of a
25 predetermined time from the job assignment.

 35. A method for processing a job, generated in

an information processing apparatus, in a peripheral device, the method comprising steps of:

requesting, from the information processing apparatus to the peripheral device, information
5 indicating a mode designatable in the job, as a process mode of the peripheral device for processing the job;

transmitting, from the peripheral device to the information processing apparatus, information
10 indicating a mode designatable as said process mode, in response to the request from the information processing apparatus;

displaying an image for selecting the mode designatable as said process mode on a display unit of the information processing apparatus; and

15 transmitting, from the information processing apparatus to the peripheral device, a command for assigning the job and designating a mode selected among the modes displayed on the display unit.

20 36. A method according to claim 35, wherein the mode designatable as the process mode includes at least one of a normal mode of processing jobs in the order of assignment thereof, an interruption mode of processing an interrupting job instead of other jobs, a storage
25 mode of storing the job in the peripheral device, and a guarantee mode of processing the job later in case the job cannot be processed completely.

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37. A method according to claim 35, wherein the mode designatable as the process mode includes at least one of a mode of processing jobs in the order of assignment thereof and storing the job in the peripheral device, a mode of processing an interrupting job instead of other jobs and storing the job in the peripheral device, and a mode of processing jobs in the order of assignment thereof and processing the job later in case the job cannot be processed completely.

38. A method according to claim 36, wherein said display control means displays, in response to the selection of a mode involving the storage of the job in the peripheral device, an image for causing selection of plural storage areas in the peripheral device, on the display unit.

39. A method according to claim 35, wherein the mode designatable as the process mode includes a deletion mode of deleting the job after the lapse of a predetermined time from the job assignment.

40. A peripheral device capable of processing a job received from an information processing apparatus, comprising:

memory means for storing information indicating a mode designatable in the job, as the process mode of

the peripheral device for processing the job; and

transmission means for transmitting, to the
information processing apparatus, information
indicating a mode designatable as said process mode, in
5 response to the request from the information processing
apparatus.

41. A peripheral device according to claim 40,
wherein the mode designatable as the process mode
10 includes at least one of a normal mode of processing
jobs in the order of assignment thereof, an
interruption mode of processing an interrupting job
instead of other jobs, a storage mode of storing the
job in the peripheral device, and a guarantee mode of
15 processing the job later in case the job cannot be
processed completely.

42. A peripheral device according to claim 40,
wherein the mode designatable as the process mode
20 includes at least one of a mode of processing jobs in
the order of assignment thereof and storing the job in
the peripheral device, a mode of processing an
interrupting job instead of other jobs and storing the
job in the peripheral device, and a mode of processing
25 jobs in the order of assignment thereof and processing
the job later in case the job cannot be processed
completely.

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43. A peripheral device according to claim 40, wherein the mode designatable as the process mode includes a deletion mode of deleting the job after the lapse of a predetermined time from the job assignment.

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44. An information processing apparatus for generating a job and issuing the generated job to a peripheral device, comprising:

means for acquiring, from the peripheral device, information indicating a mode designatable in the job, as a process mode of the peripheral device for processing the job;

display control means for displaying, based on the information acquired by said acquisition means, an image for selecting the mode designatable as said process mode on a display unit of the information processing apparatus; and

transmission means for transmitting, to the peripheral device, a command for assigning the job and designating a mode selected among the modes displayed on the display unit.

45. An apparatus according to claim 44, wherein the mode designatable as the process mode includes at least one of a normal mode of processing jobs in the order of assignment thereof, an interruption mode of processing an interrupting job instead of other jobs, a

storage mode of storing the job in the peripheral device, and a guarantee mode of processing the job later in case the job cannot be processed completely.

5 46. An apparatus according to claim 44, wherein
the mode designatable as the process mode includes at
least one of a mode of processing jobs in the order of
assignment thereof and storing the job in the
peripheral device, a mode of processing an interrupting
10 job instead of other jobs and storing the job in the
peripheral device, and a mode of processing jobs in the
order of assignment thereof and processing the job
later in case the job cannot be processed completely.

15 47. An apparatus according to claim 44, wherein
said display control means displays, in response to the
selection of a mode involving the storage of the job in
the peripheral device, an image for causing selection
of plural storage areas in the peripheral device, on
20 the display unit.

 48. An apparatus according to claim 44, wherein
the mode designatable as the process mode includes a
deletion mode of deleting the job after the lapse of a
25 predetermined time from the job assignment.

 49. A program for controlling an information

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processing apparatus for generating a job and issuing the generated job to a peripheral device, said program comprising the steps of:

5 acquiring, from the peripheral device, information indicating a mode designatable in the job, as a process mode of the peripheral device for processing the job;

10 displaying, based on the acquired information, an image for selecting the mode designatable as said process mode on a display unit of the information processing apparatus; and

transmitting, to the peripheral device, a command for assigning the job and designating a mode selected among the modes displayed on the display unit.

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